



NAVY TRAINING SYSTEM PLAN

FOR THE

AGM-154

JOINT STANDOFF WEAPON SYSTEM

N88-NTSP-A-50-8906B/A

AUGUST 2004

AGM-154 JOINT STANDOFF WEAPON SYSTEM**EXECUTIVE SUMMARY**

This Navy Training System Plan (NTSP) was developed to identify the life cycle Manpower, Personnel, and Training (MPT) requirements associated with the Joint Standoff Weapon (JSOW) System. The JSOW Baseline Air to Ground Missile (AGM)-154A is in Weapon System Acquisition Process Phase III (Production, Deployment, and Operational Support) while the JSOW/BLU-108 (AGM-154B) has completed development with production deferred, and JSOW Unitary (AGM-154C) is in LRIP. The JSOW, a family of low cost air-to-ground weapons, utilizes a Global Position System (GPS) targeting capability and a relatively high-glide-ratio airframe that satisfies the standoff requirements for attacking interdiction targets from outside enemy point defenses during day, night, and adverse weather conditions. The up-front design strategy of the JSOW system called for initial development of a basic vehicle, followed by the low-risk development of evolutionary upgrades to provide improved accuracy, enhanced kill capability, and an expanded target set. There are currently three configurations slated for fleet deployment: JSOW Baseline (AGM-154A) for soft and area targets, JSOW/BLU-108 (AGM-154B) for use against moving land combat vehicle targets, and JSOW Unitary (AGM-154C) for harder point targets and increased kill effectiveness.

Projections of Manpower, Personnel, and Training and the acquisition strategy analysis show that current manning levels are adequate to support the JSOW system and no additional manpower requirements are required.

The JSOW maintenance concept is based on an overall objective to ensure All-Up-Rounds (AUR) are available to fulfill commitments of operational activities and restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance requirements are allocated to the organizational, intermediate, and depot levels of maintenance as defined in the Naval Ordnance Maintenance Management Program, Office of the Chief of Naval Operations Instruction (OPNAVINST) 8000.16 (series).

The JSOW training concept is divided into organizational and intermediate level maintenance based on OPNAVINST 8000.16 (series). Operator training is provided to aviators at the appropriate Fleet Readiness Squadron. Platform weapons school organizational level training is provided to maintenance personnel at the appropriate Center for Naval Aviation Technical Training Detachment and Center for Naval Aviation Technical Training Marine Unit (CNATT MARU). Intermediate level maintenance personnel are trained at the appropriate MTU.

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LIST OF ACRONYMS

AGM	Air to Ground Missile
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
AOB	Average Onboard
ATA	Autonomous Target Acquisition
ATIR	Annual Training Input Requirement
AUR	All-Up-Round
BIT	Built-In Test
CAI	Computer Aided Instruction
CATM	Captive Air Training Missile
CBT	Computer-Based Training
CEST	Classroom Explosive System Trainer
CMBRE	Common Munitions Bit/Reprogramming Equipment
CMI	Computer Managed Instruction
CNATT	Center for Naval Aviation Technical Training
CNATT DET	Center for Naval Aviation Technical Training Group Detachment
CNATT MARU	Center for Naval Aviation Technical Training Marine Unit
CNATTU	Center for Naval Aviation Technical Training Unit
CNO	Chief of Naval Operations
COMNAVAIRLANT	Commander, Naval Air Force, Atlantic Fleet
COMNAVAIRPAC	Commander, Naval Air Force, Pacific Fleet
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
COTS	Commercial Off the Shelf
CV	Aircraft Carrier
CVN	Aircraft Carrier Nuclear
CWTPI	Conventional Weapon Technical Proficiency Inspection
DATM	Dummy Air Training Missile
DT	Development Test
EOD	Explosive Ordnance Disposal
ETJ	Electric Training Jacket
FCR	Formal Course Review
FMS	Foreign Military Sales
FRS	Fleet Readiness Squadron
FTD	Fleet Training Device

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LIST OF ACRONYMS

FY	Fiscal Year
GPS	Global Positioning System
HSI	Human Systems Integration
ICW	Interactive Courseware
ILSMT	Integrated Logistics System Management Team
IMRL	Individual Maintenance Requirements List
IMS	Inertial Measurement System
JILSP	Joint Integrated Logistics Support Plan
JSOW	Joint Standoff Weapon
LRC	Learning Resource Center
LRIP	Low Rate Initial Production
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MOS	Military Occupational Specialty
MOTT	Mobile Ordnance Training Team
MPT	Manpower, Personnel, and Training
MTIP	Maintenance Training Improvement Program
MTL	Master Task List
MTU	Maintenance Training Unit
NAS	Naval Air Station
NATSAG	Naval Aviation Training Systems Advisory Group
NATTC	Naval Aviation Technical Training Center
NAVAIR	Naval Air Systems Command
NAVAIRWARCENWPNDIV	Naval Air Warfare Center, Weapons Division
NAVPERSCOM	Navy Personnel Command
NAVSCOLEOD	Naval Explosive Ordnance Disposal School
NOMMP	Naval Ordnance Maintenance Management Program
NEC	Navy Enlisted Classification
NETC	Naval Education Training Command
NS	Naval Station

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LIST OF ACRONYMS

NTSP	Navy Training System Plan
OPEVAL	Operational Evaluation
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OT	Operational Test
PEST	Practical Explosive Ordnance Disposal System Trainer
PTT	Part Task Trainer
RFI	Ready For Issue
RFOU	Ready For Operational Use
RFT	Ready For Training
SCORM	Shareable Content Object Reference Model
SFTI	Strike Fighter Tactics Instructor
SFWS	Strike Fighter Weapons School
SFWT	Strike Fighter Weapons and Tactics
TD	Training Device
TM	Technical Manual
TMMT	Technical Manual Management Team
TECHEVAL	Technical Evaluation
TEE	Training Effectiveness Evaluation
TEV	Test and Evaluation
TTE	Technical Training Equipment
USMC	United States Marine Corps
USN	United States Navy
WSO	Weapons and Sensor Operator
WTT	Weapons Training Team



N88-NTSP-A-50-8906B/A
August 2004

AGM-154 JOINT STANDOFF WEAPON SYSTEM

PREFACE

This Approved Navy Training System Plan (NTSP) for the Joint Standoff Weapon (JSOW) has been prepared to update the Proposed Joint Standoff Weapon Navy Training System Plan (NTSP), number A-50-8906B/P, dated April 2004. Update of this document was accomplished by the NAVAIR as part of the regular NTSP update process within the guidelines set forth in Office of the Chief of Naval Operations Instruction (OPNAVINST) 1500.76. Changes reflected in this document include minor changes, general updating of names, locations, course number, and lengths.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

- 1. Nomenclature-Title-Acronym.** Joint Standoff Weapon (JSOW)
- 2. Program Element.** 0604727N

B. SECURITY CLASSIFICATION

- 1. System Characteristics** Confidential
- 2. Capabilities** Unclassified
- 3. Functions** Secret

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor CNO (N880C8)

OPO Resource Sponsor..... CNO (N880C8)

Developing Agency NAVAIR (PMA201)

Training Agency COMLANTFLT
 COMPACFLT
 COMNAVAIRESFOR
 CNATT
 NETC
 MCCDC

Training Support Agency..... NAVAIR (PMA205)

Manpower and Personnel Mission Sponsor..... CNO (N12)
 NAVPERSCOM (PERS-4, PERS-404)

Director of Naval Training CNO (N7)

Commander, Reserve Program Manager..... COMNAVAIRESFOR

Marine Corps Combat Development Command

Manpower Management TFS Division

D. SYSTEM DESCRIPTION

1. Operational Uses. The JSOW is a highly versatile air-to-ground weapon system for use in a variety of operational circumstances. JSOW is designed as a standoff weapon for first pass and maximum kills per sortie in a minimum launch altitude envelope. JSOW is adaptable to aircraft navigational and target acquisition capabilities, with minimal restrictions on aircraft maneuvering. Navy and Marine Corps F/A-18C/D and Navy F/A-18E/F aircraft utilize JSOW. The Air to Ground Missile (AGM)-154A, AGM-154B, and AGM-154C from here on will be referred as JSOW.

As part of the incremental strategy and reflecting the need for an inexpensive, but capable multi-purpose standoff weapon, the Baseline variant of JSOW focuses on the launch and leave mode suitable for use against area targets. The Baseline variant utilizes a submunition payload and minimum essential onboard guidance in conjunction with the Global Positioning System (GPS). Another variant is the BLU-108, which utilizes larger smart submunitions against armor and other ground vehicles. The AGM-154C Unitary is a blast/fragmentation weapon with a broach warhead. Variants of JSOW will be deployed over time in response to increased threats and improved launch aircraft capabilities.

2. Other Procurement. Foreign Military Sales (FMS) procurement is anticipated after Operational Evaluation (OPEVAL).

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. AGM-154A Baseline Development Test (DT) began in FY94 and was completed in FY97. Operational Test (OT) began in FY96 and was completed in FY97. The AGM-154B BLU-108 has completed development, production was deferred. AGM-154C Unitary has completed development testing. OPEVAL commenced in November 2003 (1st Qtr FY-04).

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The Navy JSOW is a joint Navy/Air Force effort. The JSOW Baseline is scheduled to replace the Rockeye and Anti-Personnel/Anti-Material programs. The Unitary variants are intended to replace Laser-Guided Bombs, Maverick, Skipper 2, and the Walleye missile systems. These missile systems will not be phased out until the JSOW procurement objective is achieved.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The JSOW design provides a kinematically efficient air vehicle using conventional construction technology. The JSOW Baseline is a glide weapon incorporating GPS for onboard navigation and guidance. The baseline variant provides a launch and leave capability suitable for use against area targets. JSOW/BLU-108 incorporates a sensor fused submunition payload, which is an infrared-seeking-explosive-formed-penetrator for use against moving land vehicles. The Unitary variant includes a seeker and unitary warhead to be used against hardened targets.

a. Guidance Section. The guidance section allows an aircraft-to-missile GPS transfer alignment that converts target information into guidance command signals.

b. Warhead. The warhead provides the destructive force for the JSOW missile. The warhead configurations meet operational requirements using submunitions or a unitary warhead as follows:

- AGM-154A with 145 BLU-97/A submunitions for use on soft targets
- AGM-154B with 24 BLU-108 sensor fused submunitions for use on anti-armor targets
- AGM-154C with a Broach Warhead consisting of a Augmenting Charge and a Follow Through Bomb for use against hard targets and targets sensitive to blast/fragmentation

c. Control Section. The control section operates the fins via electro-mechanical actuators, providing the vehicle with maneuvering capability.

d. Wings. Wings, combined with the airframe, provide the necessary lift, directional, and roll stability. The wings deploy when signaled from the computer processor.

e. Fins. Stationary and moveable fins provide directional force on the airframe in response to signals from the Guidance Control Section. This provides both attitude and direction control of the missile during free flight to the target.

f. Container. The Navy uses the CNU-575/E double-wall extruded aluminum sidewall All-Up-Round (AUR) container to ship the JSOW. These containers are used to transport JSOW missiles to and from the AUR depot, for storage of Ready For Issue (RFI) AURs, or transport of RFI AURs to the fleet. The CNU-575/E container provides environmental protection to ensure JSOW meets the required 20-year storage life. Damaged containers will be reworked at the McAlester Army Ammunition Plant, McAlester, Oklahoma.

2. Physical Description

Length 160.0 inches
Width 16.5 inches
Height 21.0 inches
Weight.... 1054.0 pounds

3. New Development Introduction. JSOW was introduced into fleet as new production.

4. Significant Interfaces. JSOW provides an electrical software interface between the host aircraft and missile to receive navigation and target acquisition information. JSOW is compatible with the MIL-STD-1553 Data Bus and the MIL-STD-1760C interface.

5. New Features, Configurations, or Material. The AGM-154C Unitary design allows for growth through enhancements such as Autonomous Target Acquisition (ATA), terminal guidance, increased accuracy, target discrimination, and enhanced kill capability. JSOW/BLU-108 incorporates a sensor fused submunition payload consisting of an infrared-seeking-explosive-formed-penetrator for use against moving land vehicles at standoff ranges. These submunitions are dispensed via two subpacks, each containing three BLU-108 submunitions. A total of 24 sensor-fused weapons are released during one JSOW BLU-108 deployment.

H. CONCEPTS

1. Operational Concept. JSOW is designed to be deployed with Navy and Marine Corps tactical aircraft squadrons. JSOW is intended for use by F/A-18C/D/E/F aircraft. JSOW is used during air-to-ground combat evolutions. The missile is launched from an aircraft at enemy ground targets, guided by internal GPS guidance.

2. Maintenance Concept. The JSOW maintenance concept is based on an over-all objective to assure AUR are available to fulfill commitments of operational activities and provide the means to restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance requirements are allocated to three levels of maintenance as defined in the Naval Airborne Weapons Maintenance Program (NAWMP), OPNAVINST 8000 (series).

a. Organizational. Organizational level maintenance consists of functions normally performed by an operating unit on a daily basis. Organizational level maintenance is accomplished by weapons personnel assigned to the maintenance department to support the missions and tasks of the activity. Organizational level maintenance may be accomplished at the next higher level. Missiles requiring maintenance beyond the organizational level are returned to the intermediate level for maintenance or disposition. Organizational level maintenance of the JSOW missiles is limited to the following:

- Removal and installation of protective devices
- Load and download
- Perform on- aircraft Built-In Test (BIT)
- Perform missile pre-flight and postflight inspection

b. Intermediate. Intermediate level maintenance is the responsibility of and is performed by designated maintenance activities that support user organizations. The intermediate level maintenance mission is to enhance and sustain combat readiness and mission capability by providing quality and timely material support to supported activities. The purpose of intermediate level maintenance is to ensure airborne weapons maintenance functions are performed at the level that ensures optimum economic use of resources. Tactical missiles requiring Beyond the Capability of Maintenance (BCM) at the intermediate level are returned to the Depot level maintenance activity ashore for repair or disposition. JSOW maintenance is performed by Weapons Department Navy Aviation Ordnanceman (AO) with Navy Enlisted

Classification (NEC) 6801 and Marines with Military Occupational Specialty (MOS) 6541. AIMD Work Center 710 Navy AOs with NEC 6802 or 6803 and Marines with MOS 6541 functionally test the launchers. Intermediate level maintenance of the JSOW consists of the following:

- Inspect and stow AUR and containers
- Remove and replace container latch assemblies
- Clean missile
- Clean seeker window (AGM-154C only)
- Perform touch-up paint and minor corrosion control
- Remove from and replace AUR in container
- Inspect container, remove, and replace desiccant
- Perform off-aircraft BIT
- Reprogram JSOW resident software with Common Munitions BIT/Reprogramming Equipment (CMBRE)

c. Depot. The primary mission of depot level activities is to support warranty repair. The prime contractor will perform AUR depot maintenance. Maintenance actions performed by depot activities consist of the following:

- Inspect and stow AUR and container
- Remove and replace container latch assemblies
- Remove from and install AUR into the container
- Inspect and test missile guidance and control groups
- Remove and replace external and select internal components only
- Inspect, repair, and rework payload and certain components of the safe and arm device
- Inspect, repair, rework, modify, and replace wings and fins
- Repair and clean containers, replace minor container components, and perform major repairs on containers
- Corrosion control, paint re-stencils all sections listed above
- Inspect, test, repair, rework, and modify the guidance and control section to assembly, subassembly, or component level. Reassemble and perform final test
- Perform final system test and program JSOW resident software

d. Interim Maintenance. The JSOW project office, located at Naval Air Warfare Center, Weapons Division (NAVAIRWARCENWPNDIV), China Lake, California, provides JSOW technical assistance to organizational and intermediate activities. They provide On-the-Job Training for organizational and intermediate maintenance personnel and operational updates and briefings for flight crews.

3. Manning Concept. The introduction of JSOW into the Navy inventory will not change current manpower requirements at organizational, intermediate, or depot level activities. Aircrew manpower is driven by seat factor and crew ratio. Enlisted manning for fleet squadrons, Fleet Readiness Squadrons (FRS), and intermediate level maintenance activities is based on the total assigned workload, not only on specific JSOW requirements. Skills required to support the JSOW are considered to be within the capability of existing NECs.

4. Training Concept. Training was provided to future JSOW operator, maintenance, and Explosive Ordnance Disposal (EOD) personnel. This training was developed in the following manner: Raytheon Systems Company developed Technical Evaluation (TECHEVAL) courseware and conducted training classes for maintenance and EOD personnel prior to TECHEVAL. Following TECHEVAL, the JSOW Weapons Training Team (WTT) updated these training materials and conducted training for OPEVAL participants. After OPEVAL, the WTT updated the training materials as required and conducted initial instructor cadre training prior to beginning follow-on training. For operator (aircrew) training, the JSOW project pilot conducted the TECHEVAL training. The Interactive Courseware and operator course curriculum was updated for the OPEVAL training, which was taught by the JSOW Project Pilot, who again provided initial instructor training prior to the beginning of follow-on training. The training material was updated as required for AGM-154C variant. Prior to Early OA in January 2003, training was provided to both the Aviation Ordnancemen as well as aircrew pilots. Pending the outcome of OA, the training material courseware will be modified and updated. Follow-on JSOW training will be provided by the WTT with assistance from Raytheon Systems Company, as required. The Center for Naval Aviation Technical Training Group Detachments (CNATT DET), and Center for Naval Aviation Technical Training Marine Units (CNATT MARU) will conduct follow-on training courses, with assistance from the WTT and Raytheon Systems Company, as required for updates. Training software products must be a web-based, Sharable Content Object Reference Model (SCORM) compliant format. SCORM provides the specifications necessary to enable content developers with the ability to produce content that is sharable, reusable, and most importantly, interoperable.

The established training concept for Aviation Ordnance (AO) maintenance training consists of Aviation Ordnance Common Core Class A1. Commonly referred to as AO A School, this course is designed to provide Navy and Marine Corps personnel with basic knowledge and skills training to perform as Aviation Ordnancemen. Graduates of this course will perform at the apprentice level, both, ashore and afloat, under all operating conditions, with appropriate supervision. AO A School provides schoolhouse training in area of ordnance publications, records, reports, basic avionics, corrosion control, the naval aviation maintenance program, basic electricity, safety, and airborne weapons. Additional formal career courses are available that focus on the more specialized training in specific aircraft and equipment.

Selected Reserve (SELRES) training is conducted by the Naval Air Reserve at each squadron site per current Commander, Naval Air Reserve Force (COMNAVAIRESFOR) instructions. The training is segmented and tailored for use by SELRES personnel during weekend drill periods and two-week active duty periods. If SELRES personnel and training quotas are available, COMNAVAIRESFOR must coordinate with appropriate quota controls to

get training quotas at the FRSs.

a. Initial Training. WTT instructor personnel provided initial cadre training (Operator and Maintenance) to Navy and Marine Corps instructors in November 1998 for the AGM-154A. Initial cadre training for AGM-154C was conducted during 2002. The initial difference is the seeker window. Training material has been given to the instructors.

(1) Technical Evaluation Training. TECHEVAL training was conducted in December 1995. Aircrew involved in TECHEVAL received training at China Lake on operational characteristics of JSOW from the JSOW Project Pilot. Course length was approximately nine hours. Maintenance personnel involved with TECHEVAL and designated WTT members received organizational and intermediate level training at China Lake from Raytheon Systems Company instructors. Course length was two days. EOD personnel participating in TECHEVAL received render safe procedures training at Indian Head, Maryland, from Raytheon Systems Company instructors. Course length was two days. Following TECHEVAL, EOD training courseware was modified to incorporate JSOW specific procedures.

(2) Operational Evaluation Training. OPEVAL training was conducted in January 2003. VX-9 Aircrew involved in OPEVAL and other selected personnel received training at China Lake on the operational characteristics of the JSOW from the JSOW Project Pilot. Course length was nine hours. Maintenance personnel involved with OPEVAL received organizational and intermediate level training at NAVAIRWARCENWPNDIV, China Lake from WTT instructors. VX-9 aircrew and ordnancemen were training for Early OA in November 2002.

b. Follow-On Training. WTT instructors provided follow-on training to fleet schools in November 1998. JSOW training information was incorporated into existing operator and maintenance courses. CNATT DETs and CNATT MARUs conduct follow-on training in the schoolhouses, with assistance for the updates from the WTT and Raytheon Systems Company, as required.

(1) Operator. Aircrew personnel receive JSOW training with applicable aircraft training conducted at the FRS. The following F/A-18 aircrew courses have been modified to include JSOW. All courses are currently on-line with AGM-154 information.

COURSE NUMBER	COURSE TITLE
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Cat 1
D/E-2A-0602	F/A-18 Fleet Replacement Pilot (Attack) Cat 2A
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Cat 3A
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Cat 4
None (USMC)	F/A-18D Fleet Replacement Pilot Category 1

COURSE NUMBER	COURSE TITLE
None (USMC)	F/A-18D Fleet Replacement Pilot Category 2
None (USMC)	F/A-18D Fleet Replacement Pilot Category 3
None (USMC)	F/A-18D Fleet Replacement Pilot Category 4
None (USMC)	F/A-18D Weapons and Sensor Operator (WSO) Category 1
None (USMC)	F/A-18D Weapons and Sensor Operator (WSO) Category 2
None (USMC)	F/A-18D Weapons and Sensor Operator (WSO) Category 3
None (USMC)	F/A-18D Weapons and Sensor Operator (WSO) Category 4

Note: The aircrew training course modification involves an introductory familiarization with the JSOW weapon. Detailed employment training occurs as individual squadrons cycle through the Strike Fighter Weapon Schools (SFWS) or execute their own internal training program.

Post-FRS training is conducted by the Navy SFWS. The Training Devices (TD) required for follow-on and proficiency operator training include the JSOW Technical Information Package (JTIP) and Part Task Trainer (PTT). The PTT is a computer-based system developed by NAVAIRWARCENWPNDIV, China Lake for use by F/A-18 aviators. It provides missile and operational procedures familiarization as well as proficiency training. The PTT is fielded to the F/A-18 FRSs, weapons schools, and active duty Navy and Marine Corps F/A-18 squadrons. It is compatible with Windows 2000 and NT.

(2) Maintenance

(a) Organizational. Training course content has been updated to include JSOW information, and will not affect course lengths. JSOW is taught in the following organizational level maintenance training courses. All courses are currently on-line with AGM-154 information.

COURSE NUMBER	COURSE TITLE
D/E-646-0640	F/A-18 Conventional Weapons Release and Loading
D/E-646-0647	F/A-18 Conventional Weapons Release Systems Test

(b) Intermediate. Existing courses have been updated to include JSOW data and will not affect the intermediate level maintenance course lengths. Intermediate maintenance training is available for Navy and Marine Corps Aviation Ordnance personnel through the appropriate Center for Naval Aviation Technical Training Detachment (CNATT) Maintenance Training Unit (MTU) or CNATT MARU. The Fleet Aviation Specialized Training Group (FASO), Atlantic is organized with a Mobile Ordnance Training Team (MOTT) that provides hands-on training for Atlantic Fleet Navy organizational level squadrons and

intermediate level Aircraft Carrier (CV) and Aircraft Carrier Nuclear (CVN) ships and shore activities in conventional weapons handling safety and stowage. Pacific Fleet MOTT is provided by Commander, Naval Air Force, Pacific Fleet (COMNAVAIRPAC) N40C. Requests for MOTT training should be submitted to COMNAVAIRPAC (N40C) for Pacific Fleet activities, and to Commander, Naval Air Force, Atlantic Fleet (COMNAVAIRLANT) N40C for Atlantic Fleet activities. The TD required for intermediate maintenance training is the Dummy Air Training Missile (DATM).

Title	Air Launched Guided Missiles Intermediate Maintenance
CIN	C-122-3111 (part of D/E-646-7007)
Model Manager....	MTU 4030, CNATTU, Naval Air Station (NAS) Norfolk, Virginia
Description.....	Provide ordnance personnel with knowledge of the Sparrow, Sidewinder, Sidearm, Maverick, Harpoon, SLAM, and Air Nitrogen Purifier Units.
Locations	MTU 4030, CNATT DET, NS Mayport, Florida MTU 4032, CNATTU, NAS Norfolk, Virginia MTU 4033, CNATTU, Naval Air Station (NAS) North Island, California MTU 4035, CNATTU, NAS Whidbey Island, Washington
Length	12 days
RFT date	Currently available
Skill identifier	AO 6801
TTE/TD	See element IV.A.1 for Technical Training Equipment (TTE). TD is DATM-154
Prerequisites	C-646-2011, Aviation Ordnanceman Common Core Class A1

Title **Aviation Ordnance Intermediate Maintenance Technician**

CIN C-646-3105 (part of M-646-7026)

Model Manager.... CNATT MARU Marine Corps Air Station (MCAS)
Cherry Point, North Carolina

Description..... Provides ordnance personnel with knowledge required by USMC personnel working on ordnance/armament in the AIMD environment.

Locations CNATT MARU, MCAS Cherry Point

Length 79 days

RFT date Currently available

Skill identifier MOS 6541 award upon completion of track D/E-646-7026

TTE/TD See element IV.A.1. for TTE. TD is the DATM-154

Prerequisites C-646-2011, Aviation Ordnanceman Common Core Class A1

(c) Explosive Ordnance Disposal Training. EOD training is conducted at the Naval Explosive Ordnance Disposal School (NAVSCOLEOD) at Eglin Air Force Base, Florida. Additional advanced and specialized EOD training is provided by EOD Technical Evaluation Units (EODTEUs) at Fort Story, Virginia and San Diego, California. The TDs required for EOD training are the Practical Explosive Ordnance Disposal System Trainer (PEST).

- **Practical Explosive Ordnance Disposal System Trainer.** The PEST is a full-scale model fabricated from actual hardware, having approximately the same weight and center of gravity as the tactical missile. The PEST is used for teaching render safe procedures.

The following table lists the applicable EOD training courses. The JSOW source material was incorporated in these courses with minimal impact. There were no changes in student throughput or chargeable student billets

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AGM-154
A-431-0011	Explosive Ordnance Disposal Phase II (Navy)	April 99
A-431-0012	Explosive Ordnance Disposal Phase II	April 99
G-431-0001	EOD Pre-Deployment Training	April 99

c. Student Profiles. The following prerequisite skill and knowledge requirements must be completed prior to attending NEC 6801 and MOS 6541 training.

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 6801	C-646-2011, Aviation Ordnance Common Core Class A1
MOS 6541	C-646-2011, Aviation Ordnance Common Core Class A1

d. Training Pipelines. The following training tracks apply and are available in the Office of the Chief of Naval Operations (OPNAV) Aviation Training Management System (OATMS):

TRACK NUMBER	TRACK TITLE
D/E-646-7007	General Shipboard/ Naval Air Station (NAS) Weapons Department Aviation Ordnance Maintenance
M-646-7026	Aviation Ordnance Technician Intermediate Maintenance

I. ON-BOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls.

MTIP will be replaced by the Aviation Maintenance Training Continuum System (AMTCS). AMTCS has successfully completed its trial period, which ended in April 2004. Beginning in June 2004 at VFA-125 in Lemoore, California, the F/A-18 was the first aircraft to implement AMTCS. The next targeted platforms to use AMTCS are the P-3, EP-3E, C-130, and the E-6. For the latest information regarding AMTCS, contact PMA205B1B.

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operations (CNO) mandated “just-in-time” training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training (CBT) for the technicians in the Fleet in the form of Interactive Courseware (ICW) with Computer Managed Instruction (CMI) and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software module which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List (MTL) data bank. These tools are procured and fielded with appropriate Commercial Off the Shelf (COTS) hardware and software, i.e. Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

c. Strike Fighter Training Program. Naval Strike Air Warfare Center (NSAWC) N7 (Topgun), Strike Fighter Weapons School (SFWS) Atlantic, and SFWS Pacific are developing post-FRS training at the squadron level for Navy Strike Fighter aircraft (F/A-18). This post-FRS training continuum is known as the SFTP and is composed of three equally critical elements: the Strike Fighter Weapons and Tactics (SFWT) curricula, the Strike Fighter Tactics Instructor (SFTI), and the SFTS. The SFWT curricula will be taught by each squadron's SFTI, who will be supported by the SFTS, a multimedia Computer-Based Training system that will host CMI, CAI, CBT and ICW. Aircrew weapons proficiency training will continue to be accomplished using existing methods: Academic, Simulator (e.g., Weapons Tactics Trainer/Weapons System Trainer), Captive Air Training Missile (CATM) and/or embedded aircraft simulation, and live missile shots supported by the Non-Combat Expenditure Allowance. However, capability ratings will be based on performance rather than completion, i.e., it will not be based simply upon completing the training events, but upon how well they are completed.

Training events will be measured using defined metrics, and collectively these events will be evaluated to determine actual combat readiness, quantitatively (objectively) rather than qualitatively (subjectively).

2. Personnel Qualification Standards. NA

3. Other Onboard or In-Service Training Packages. Squadron loading teams will maintain their proficiency by participating in frequent upload and download training exercises.

a. Conventional Weapon Technical Proficiency Inspection. The Conventional Weapon Technical Proficiency Inspection (CWTPI) is a graded inspection administered by SFWS for the F/A-18 aircraft. The CWTPI covers all areas of conventional weapon load and release, and control systems checks. The inspection evaluates the squadron's ability to wire-check, upload and download conventional ordnance, use applicable publications, and place ordnance on its designated target. The squadron inspection is conducted annually, six months prior to deployment, or at the request of the squadron's Commanding Officer. A written examination is required by all personnel, including squadron aviators, directly involved in the inspection. A 72-hour time limit is granted for the completion of the entire evolution. The final grade is an average score derived from the written exams, ordnance loads, wire checks, and the aviator's proficiency to deliver weapons on target. Pre-inspection training is provided by the appropriate SFWS followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and Aviation Electronics Technician personnel at the appropriate school.

b. Marine Corps Onboard Training. The Marine Corps onboard training is based on the current series of Marine Corps Order (MCO) P4790.20, Individual Training Standards System (ITSS) and Marine Aviation Training Management Evaluation Program (MATMEP). This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 (Series) maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be addressed with remedial training.

USMC activities are scheduled yearly for Marine Corps Combat Readiness Evaluation by Headquarters, Marine Corps. Marine Corps activities participate in war exercises and are evaluated. Training is an ongoing Marine Corps evolution that culminates with the Combat Readiness Evaluation. The evaluation determines the need for further conventional weapons load training of squadron personnel.

c. United States Navy Explosive Safety Policies, Requirements, and Procedures. The United States Navy Explosive Safety Policies, Requirements, and Procedures (Department of the Navy Explosives Safety Policy Manual) OPNAVINST 8020.14 (Series), promulgates the Explosives Handling Personnel Qualification and Certification program. The Qualification and Certification program is designed to ensure that all Navy, Marine Corps, and

civilians required to handle explosives or explosive devices are fully trained and qualified to perform all functions and task safety.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-91-C-0196	Raytheon Systems Company	P.O. Box 11337 Tucson, AZ 85743-1337

2. Program Documentation. The Naval Air Systems Command published and distributed Joint Integrated Logistics Support Plan (JILSP) Number NAVAIR JILSPMSL, Revision G, dated November 2002.

3. Technical Data Plan. Navy Technical Manual Management Team (TMMT) provides the management skills and technical expertise to ensure that the TMs for JSOW are current and that all technical deficiency corrective actions have been coordinated between the TMMT and other Integrated Logistics System Management Team (ILSMT) committees. These manuals are shown below:

TITLE	MANUAL NUMBER	USER LEVEL
Airborne Weapons Stores Manual	A1-F18AE-LWS-000	Organizational
Conventional Weapons Loading Checklist	A1-F18AE-LWS-610	Organizational
Support Equipment Configuration Manual	NAVAIR 11-140-25	Organizational / Intermediate
Airborne Weapons Assembly Manual for Air Launched Missiles	NAVAIR-140-6.1 NAVAIR-140-6.2 NAVAIR-140-6.3	Intermediate Intermediate Intermediate
Airborne Weapons Assembly Manual Checklist for AGM-154	NAVAIR-140-6.2-14	Intermediate
Ship Weapons Installation Manual	NAVAIR-11-120-79	Intermediate
Naval Ordnance Maintenance Management Program	OPNAV 8000.16 (Series)	Organizational / Intermediate

4. Test Sets, Tools, and Test Equipment

a. Organizational Level Maintenance

- ADU-775/E, Transport adapter
- ADU-783/E, Trolley adapter

b. Intermediate (Fleet) Level Maintenance

- ADU-775/E, Transport Adapter
- CMBRE (AN/GYQ-79 Digital Computer Set)

Note: JSOW support and test equipment allowances are established in local Individual Maintenance Requirements List (IMRL) under List Code WE1540.

c. Depot Level Maintenance. Raytheon Systems Company provides depot level support.

5. Repair Parts. A repair parts list is located in the NA-140-6 manual.

6. Human Systems Integration (HSI). Human Systems Integration (HSI) elements include manpower, personnel, training, habitability, personnel survivability, health, safety, environmental, and human factors. This NTSP addresses manpower, personnel, and training in detail. Habitability is not an applicable HSI element for JSOW; however, the remaining HSI elements are addressed in the following paragraphs.

a. Personnel Survivability. Air-launched missile systems generally affect personnel survivability in two broad categories: handling (ordnance personnel) and employment (aircrew).

(1) Handling. During handling operations, employing technology to mitigate the explosive nature of missile warheads can maximize survivability. JSOW has three safety interlocks that must occur. To eliminate inadvertent arming of all variants of JSOW, these three conditions must be met: 1) the lugs must be retracted, 2) following intent to launch, umbilical disconnect must have occurred 10 seconds prior, and 3) weapon must be in required velocity of flight.

(2) Employment. The aircrew safety concerns include missile/target blast fragmentation and hung missiles. JSOW is a highly survivable air to surface glide missile designed to provide the delivery platform with a Standoff Outside Point Defense (SOPD) capability of 40 nautical miles against a variety of land and sea targets. The weapon employs a GPS aided inertial guidance system and Inertial Measurement System (IMS) that provides a precision strike capability. Each variant of the weapon will employ a common airframe (truck), loaded with its own specific payload. Procedures for hung missiles are in place, as well as emergency jettison procedures.

b. Health. Health factors generated by missiles are generally categorized into direct-contact health hazards, e.g., solvents, lubricants, etc., and proximity health hazardous material, e.g., heavy metals, irradiated metals, etc. The JSOW program has minimized the number of direct-contact health hazards for maintenance personnel, and these hazards are readily identified in the loading and maintenance manuals. JSOW does not contain any proximity health hazardous materials.

c. Safety. Air-launched missile systems generally affect safety in two broad categories: handling (ordnance personnel) and employment (aircrew).

(1) Handling. There are no special hazards involved with handling or storing JSOW. During handling operations, general ordnance safety standards (NAVSEA OP 4 OP5, OP 2165 and OP 3347 and OPNAVINST 8023.3) are employed. Inspections have been designed to detect potential problems and resolve them. JSOW uses a SAD device to provide protection against inadvertent dispense of payload. In the event of a fire, cook-off times and evacuation (withdrawal) distances have been developed.

(2) Employment. The aircrew safety concerns include missile/target blast fragmentation and hung missiles. JSOW is a highly survivable air to surface glide missile designed to provide the delivery platform with a SOPD capability of 40 nautical miles against a variety of land and sea targets. The weapon employs a GPS aided inertial guidance system and IMS that provides a precision strike capability. Each variant of the weapon will employ a common airframe (truck), loaded with its own specific payload. Procedures for hung missiles are in place, as well as emergency jettison procedures.

d. Environmental. The JSOW program employs a contractor depot for missile repairs and includes demilitarization. Raytheon is responsible for meeting any federal/state environmental requirements/compliance. Other than these situations, only live-fire exercises present environmental concerns.

e. Human Factors. Human interaction with air-launched missile systems generally fall into three categories: unpacking/assembly, loading, and employment.

(1) Unpacking/Assembly. The JSOW design is an AUR. There is no assembly of the missile. It comes RFI from the container. There is one JSOW weapon per container. JSOW is lifted from its container and placed on a skid for transport to the flight deck/line.

(2) Loading. Five ordnance personnel are used to lift the missile body from the skid and place it in the aircraft launcher in accordance with the approved Loading Technical Manuals.

(3) Employment. The aircrew interface with the missile largely through the digital displays and readouts in the cockpit. The original JSOW symbology incorporated into FA-18 was designed in conjunction with input from a pilot-formed design advisory group. Since its inception, the JSOW symbology has been reviewed and adjusted as needed as aircraft

software loads have been updated.

7. Training Effectiveness Evaluations. An individual Training Effectiveness Evaluation (TEE) plan is not required for any air to ground weapons courses. The TEE is addressed by, each user community as follows.

a. Aircrew/Plot Training. This training drives training and readiness for aircrew/pilot weapons employment. Various means are used to evaluate training effectiveness including events from the Training & Readiness (T&R) matrix. These events include air to ground weapons employment, both simulated and live fire, and are used to evaluate the combat readiness of aircrew, squadron and air wing. The training effectiveness of air to ground weapons employment is further evaluated during Fleet and Joint-Service exercises, e.g., Marine Corps Combat Readiness Evaluation (see paragraph I.3.b). Significant training deficiencies that are identified, they are prioritized at the annual Naval Aviation Training Systems Advisory Group (NATSAG) meetings.

b. Squadron/Organizational-level Maintenance. AOs at the organizational-level use several training effectiveness measures, including the CWTPI (see paragraph I.3.a). These inspections evaluate how well the individual, load crew, and squadron, perform weapon loading. The Explosives Handling Personnel Qualification and Certification program (see paragraph I.3.c) is implemented to minimize the probability of mishap. The potential for personnel errors are controlled through training (qualification) coupled with a management process designed to prevent inadequately trained personnel from performing ammunition and explosives jobs/tasks (certification). The Maintenance Training Improvement Program (MTIP) (see paragraph I.1.a), Marine Aviation Training Management Evaluation Program (MATMEP) (see paragraph I.3.a), and AMTCS (see paragraph I.1.a) are used to collect data and identify training deficiencies.

c. Weapons Department/Intermediate-level Maintenance. AOs at the intermediate-level use several training effectiveness measures, such as the Explosives Handling Personnel Qualification and Certification program (see paragraph I.3.c). The program is implemented to minimize the probability of mishap. The potential for personnel errors are controlled through training (qualification) coupled with a management process designed to prevent inadequately trained personnel from performing ammunition and explosives jobs/tasks (certification). The AMTCS (see paragraph I.1.a) is used to collect data and identify training deficiencies. Additionally, courses go through an annual Formal Course Review (FCR) and are further improved via the Training Feedback System.

K. SCHEDULES

1. Schedule of Events. The schedule of events is as follows:

a. Installation/Delivery Schedule. AGM – 154A Low Rate Initial Production I (LRIP) 1 and 2 were completed in September 1999 and Full Rate Production (FRP) began in March 2000. AGM-154C LRIP began in March 2003 and FRP began in December 2003.

b. Ready for Operational Use Schedule. To ensure all activities are Ready for Operational Use (RFOU) with JSOW, all training activities have received initial training and provided training to fleet activities deploying with the JSOW

c. Time Required to Install at Operational Sites. NA

d. Foreign Military Sales and Other Source Delivery Schedule. FMS procurement is anticipated after OPEVAL.

e. Training Device and Technical Training Equipment Delivery Schedule. The DATM-154/A is the same external configuration weight and center of gravity as the tactical missile, but not functional. The DATM will be used for training canning, de-canning, and loading-downloading procedures. The following is the delivery schedule for the DATM-154/A.

JSOW DATM DELIVERY SCHEDULE			
LOCATION	FY98	FY99	FY00
Atlantic Fleet Aircraft Carriers		4	2
Carrier Air Wing - Oceana			1
SFWS, Oceana	1		
NAS Lemoore			2
NAS Oceana			1
CNATT MARU, Cherry Point		1	
MTU 4030, Mayport	1		
MTU 4032, Norfolk	1		
VMAT-203, MCAS Cherry Point			1
Marine Aviation Logistics Squadron (MALS)-31, MCAS Beaufort		1	
NAS Sigonella, Italy			1
NAVAIRESFOR, NAS Atlanta			1
NAVAIRESFOR, New Orleans			1

JSOW DATM DELIVERY SCHEDULE			
LOCATION	FY98	FY99	FY00
Pacific Fleet Aircraft Carriers		5	1
NAS El Centro		1	
NAVAIRWARCENWPNDIV Point Mugu			1
MTU 4033, North Island	1		
MALS-11, MCAS Miramar		1	
SFWS, Lemoore	1		
NAS Atsugi, Japan		1	
NAS Fallon		1	
MTU 4035, Whidbey Island			1
MALS-12, Iwakuni, Japan			1
TOTAL DATMs	5	20	34

The AGM-154C DATMs will be represented by adding a Seeker Window decal to existing DATMs in the field. No additional DATMs will be added for the AGM-154C variant.

L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
F/A-18 Weapon System	A-50-7703F/A	PMA265	Approved Jan 95
Joint Integrated Logistic Support Plan (JILSP)	NAVAIRJILSP MSL – REV G	AIR-3.1.1K	Approved Nov 02
User's Logistics Support Summary (ULSS)	MSL-002A1	AIR-3.1.1K	Approved Nov 96

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the JSOW and, therefore, are not included in Part II of this NTSP:

II.A. Billet Requirements

- II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule
- II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities
- II.A.2.c. Total Billets to be Deleted in Operational and Fleet Support Activities

II.B. Personnel Requirements

- II.B.3. Foreign, Other Service, and Non-Military Personnel Annual Training Input Requirement

NOTE 1: This section of the JSOW AGM-154 NTSP reflects intermediate-level maintenance billet and personnel requirements for the AGM-154. It is a compilation of two Navy NECs, AO 6801 and AO 6802, and one Marine Corps MOS, 6541. AGM-154 operator billets are programmed through the applicable aircraft NTSP, e.g., F/A-18 NTSP, as are the AGM-154 organizational-level billets. The addition of the AGM-154 to the intermediate-level workload is only a small percentage of the required workload for those NECs and MOS. The NECs and MOS are not dedicated to the AGM-154 and, therefore, the overall training throughput for the NEC and MOS will remain the same, i.e., it accounts for the total NEC/MOS community, and not just activities receiving AGM-154.

NOTE 2: All billets identified in this section are programmed through other NTSPs, e.g., F/A-18 NTSP, applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Documents. The activities and associated billets are listed to assist the weapons training community in identifying and managing training requirements throughout the development, production, and deployment of the AGM-154.



PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: NAVAIR PMA259/PMA205

DATE: 07/2003

ACTIVITY	UIC	PFYs	CFY04	FY05	FY06	FY07	FY08
OPERATIONAL	NAVY						
NAVWPNTSTRON CL	39787	1	0	0	0	0	0
NAVWPNTSTRON PM	39788	1	0	0	0	0	0
NAVSTKAIRSTRON	39783	1	0	0	0	0	0
VX-9	55646	1	0	0	0	0	0
NSAWC N7	69190	1	0	0	0	0	0
SFWSL	47084	1	0	0	0	0	0
SFWSP	35185	1	0	0	0	0	0
VFA-106	09679	1	0	0	0	0	0
VFA-125	09485	1	0	0	0	0	0
VFA-15	09015	0	0	1	0	0	0
VFA-34	09070	0	1	0	0	0	0
VFA-37	09478	0	0	1	0	0	0
VFA-83	09223	0	1	0	0	0	0
VFA-87	63922	0	0	1	0	0	0
VFA-105	65183	0	0	1	0	0	0
VFA-131	63934	0	0	1	0	0	0
VFA-136	55141	0	0	1	0	0	0
VFA-82	09122	0	1	0	0	0	0
VFA-86	09943	0	1	0	0	0	0
VFA-127	08956	0	1	0	0	0	0
VFA-25	09637	1	0	0	0	0	0
VFA-94	09295	1	0	0	0	0	0
VFA-97	63923	0	0	1	0	0	0
VFA-113	09092	1	0	0	0	0	0
VFA-146	09063	0	0	1	0	0	0
VFA-147	63925	0	0	1	0	0	0
VFA-151	09558	1	0	0	0	0	0
VFA-192	55179	1	0	0	0	0	0
VFA-195	09706	1	0	0	0	0	0
VFA-201	09309	0	0	0	1	0	0
VFA-203	09030	0	0	0	1	0	0
VFA-204	09032	0	0	0	1	0	0
VFC-12	52994	0	0	0	1	0	0
VFC-13	52995	0	0	0	1	0	0
VFA-122 (E/F)	09407	0	1	0	0	0	0
SWATSLANT (E/F)	47157	0	1	0	0	0	0
VFA-115 (E)	09604	0	1	0	0	0	0
VFA-14 (E)	09084	0	1	0	0	0	0
VFA-41 (F)	09774	0	1	0	0	0	0
VFA-102 (F)	09717	0	1	0	0	0	0
VFA-137 (E)	55142	0	1	0	0	0	0
VFA-2 (F)	09113	0	1	0	0	0	0
VFA-22 (E)	09561	0	1	0	0	0	0



II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: NAVAIR PMA259/PMA205

DATE: 07/2003

VFA-27 (E)	65185	0	1	0	0	0	0
VFA-81 (E)	09221	0	0	1	0	0	0
VFA-103 (F)	09718	0	0	1	0	0	0
VF-211	09086	0	0	0	0	1	0
VF-32	09053	0	0	0	0	1	0
TOTAL:		15	16	11	5	2	0

OPERATIONAL	USMC						
MAWTS-1	55167	1	0	0	0	0	0
VMFAT-101	09965	1	0	0	0	0	0
VMFA-115	09234	0	1	0	0	0	0
VMFA-122	09407	0	1	0	0	0	0
VMFA-251	09241	0	1	0	0	0	0
VMFA-312	09253	0	1	0	0	0	0
VMFA (AW)-224	01224	0	1	0	0	0	0
VMFA (AW)-332	09501	0	1	0	0	0	0
VMFA (AW)-533	09193	0	1	0	0	0	0
VMFA-212	09434	1	0	0	0	0	0
VMFA-232	09242	1	0	0	0	0	0
VMFA-314	09230	0	1	0	0	0	0
VMFA-323	09235	1	0	0	0	0	0
VMFA (AW)-121	09257	0	1	0	0	0	0
VMFA (AW)-225	09232	0	1	0	0	0	0
VMFA (AW)-242	09668	0	1	0	0	0	0
VMFA-112	08954	0	0	0	1	0	0
VMFA-134	09365	0	0	0	1	0	0
VMFA-142	67243	0	0	0	1	0	0
VMFA-321	67235	0	0	0	1	0	0
MALS Augment Beaufort	67863	0	1	0	0	0	0
MALS Augment Miramar	09116	1	0	0	0	0	0
TOTAL:		6	12	0	4	0	0

FLEET SUPPORT	NAVY						
NAWS Point Mugu	0429A	1	0	0	0	0	0
NAWS China Lake	68937	1	0	0	0	0	0
NAF Atsugi	62507	1	0	0	0	0	0
NAS Fallon	60495	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS Oceana	60191	0	1	0	0	0	0
NS Roosevelt Roads	00389	0	0	1	0	0	0
COMNAVAIRLANT	57012	0	1	0	0	0	0
CV-63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV-64 USS Constellation	03364	0	0	0	0	0	0
CV-67 USS Kennedy	03367	0	1	0	0	0	0
CVN-65 USS Enterprise	03365	0	1	0	0	0	0
CVN-68 USS Nimitz	03368	0	1	0	0	0	0
CVN-69 USS Eisenhower	03369	0	1	0	0	0	0
CVN-70 USS Vinson	20993	0	1	0	0	0	0
CVN-71 USS Roosevelt	21247	0	1	0	0	0	0



II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: NAVAIR PMA259/PMA205

DATE: 07/2003

CVN-72 USS Lincoln	21297	0	1	0	0	0	0
CVN-73 USS Washington	21412	0	1	0	0	0	0
CVN-74 USS Stennis	21847	0	1	0	0	0	0
CVN-75 USS Truman	21853	0	1	0	0	0	0
CVN-76 USS Reagan	22178	0	0	1	0	0	0
NAWMU-1	52821	0	0	1	0	0	0
NAWCAD Patuxent River	00421	0	0	1	0	0	0
NAWCWD Point Mugu	63126	0	0	1	0	0	0
TOTAL:		6	12	5	0	0	0

FLEET SUPPORT	USMC						
MAD China Lake	67852	0	1	0	0	0	0
MAD Patuxent River	67356	0	1	0	0	0	0
MALS-11 Miramar	09111	1	0	0	0	0	0
MALS-12 Iwakuni	09377	1	0	0	0	0	0
MALS-13 Yuma	09041	0	1	0	0	0	0
MALS-31 Beaufort	09384	0	1	0	0	0	0
MAG-41 Det B Fort Worth	67241	0	0	0	1	0	0
MAG-42 Marietta	67236	0	0	0	1	0	0
MAG-46 Miramar	67244	0	0	0	1	0	0
MASD Andrews	04801	0	0	0	1	0	0
TOTAL:		2	4	0	4	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
OPERATIONAL	NAVY					
VFA-106	09679					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VFA-125	09485					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VAQ-129	09995					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VFA-203	09030					
FTS			0	1	AO	6802
SELRES			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
VFA-204	09032					
FTS			0	1	AO	6802
SELRES			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
VFC-12	52994					
FTS			0	1	AO	6802
SELRES			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
VFA-201	09309					
SELRES			0	2	AO	6802
ACTIVITY TOTAL:			0	2		
OPERATIONAL	USMC					
VMFA-115	09234					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-122	09407					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-251	09241					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-312	09253					
USMC				3		6541
AR			0	7		6541
ACTIVITY TOTAL:			0	10		
VMFA (AW)-224	01224					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-332	09501					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		

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II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES²

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
VMFA (AW)-533	09193					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA-212	09434					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-232	09242					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-235	09237					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-314	09230					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA-323	09235					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
VMFA (AW)-121	09257					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-225	09232					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA (AW)-242	09668					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
VMFA-112	08954					
USMC			0	3		6541
AR			0	7		6541
ACTIVITY TOTAL:			0	10		
VMFA-134	09365					
USMC			0	7		6541
AR			0	3		6541
ACTIVITY TOTAL:			0	10		
VMFA-142	67243					
USMC			0	3		6541
AR			0	7		6541
ACTIVITY TOTAL:			0	10		
MALS Aug Beaufort	67863					
USMC			0	11		6541
ACTIVITY TOTAL:			0	11		
MALS Aug Miramar	09116					
USMC			0	4		6541
ACTIVITY TOTAL:			0	4		

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II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES³

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
MAWTS-1	55167					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
VMFAT-101	09965					
USMC			0	9		6541
SELRES			0	2	AO	6802
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	13		
HMH-461	09582					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-464	53935					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-772	09490					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMLA-167	09898					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-269	08998					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-773	09431					
USMC			0	4		6541
AR			0	8		6541
ACTIVITY TOTAL:			0	12		
HLMA-775	55252					
USMC			0	4		
AR			0	8		6541
ACTIVITY TOTAL:			0	12		
HLMA-775 DET A	09415					
USMC			0	2		
AR			0	4		6541
ACTIVITY TOTAL:			0	6		
HMM-162	09492					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-261	09441					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-263	09445					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		

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II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES⁴

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
HMM-264	09374					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-266	53972					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-365	53923					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-774	09430					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMT-303	55176					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
VMA-223	09438					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-231	52948					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-542	52847					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMAQ-1	41345					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAQ-2	42362					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAQ-3	42362					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAQ-4	67837					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
VMAT-203	45483					
USMC			0	5		6541
ACTIVITY TOTAL:			0	5		
HMH-361	09446					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-362	09495					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		

⁴All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES⁵

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
HMH-363	09496					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-366	55650					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-462	09349					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-463	09010					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMH-465	53936					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-466	53998					
USMC			0	6		6541
ACTIVITY TOTAL:			0	6		
HMH-769	09487					
AR			0	1		6541
ACTIVITY TOTAL:			0	1		
HMLA-169	09202					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-267	09159					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-367	09079					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMLA-369	09361					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
HMM-161	09440					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-163	09405					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-164	09408					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-165	09343					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		

⁵All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES⁶

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
HMM-166	53973					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-262	09442					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-265	09404					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-268	52790					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-364	09793					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
HMM-764	09402					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
VMA-211	09412					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-214	09436					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-311	09416					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMA-513	09231					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
VMFA-124	52998					
USMC			0	10		6541
ACTIVITY TOTAL:			0	10		
FLEET SUPPORT	NAVY					
COMNAVAIRLANT	57012					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
CV-63 USS Kitty Hawk	03363					
ACDU			0	11	AO	6801
ACDU			0	15	AO	6802
ACTIVITY TOTAL:			0	26		

⁶All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLET REQUIREMENTS FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES⁷

ACTIVITY	UIC	PHASING INCR.	BILLET OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
CV-67 USS Kennedy	03367					
ACDU			0	11	AO	6801
FTS			0	1	AO	6801
ACDU			0	7	AO	6802
FTS			0	1	AO	6802
SELRES			0	2	AO	6802
ACTIVITY TOTAL:			0	22		
CVN-65 USS Enterprise	03365					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-68 USS Nimitz	03368					
ACDU			0	11	AO	6801
ACDU			0	7	AO	6802
ACTIVITY TOTAL:			0	18		
CVN-69 USS Eisenhower	03369					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-70 USS Vinson	20993					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-71 USS Roosevelt	21247					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-72 USS Lincoln	21297					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-73 USS Washington	21412					
ACDU			0	11	AO	6801
ACDU			0	7	AO	6802
ACTIVITY TOTAL:			0	18		
CVN-74 USS Stennis	21847					
ACDU			0	11	AO	6801
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	19		
CVN-75 USS Truman	21853					
ACDU			0	10	AO	6801
ACDU			0	7	AO	6802
ACTIVITY TOTAL:			0	17		

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II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES⁸

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
CVN-76 USS Reagan	22178					
ACDU		FY05	0	10	AO	6801
ACDU		FY05	0	7	AO	6802
ACTIVITY TOTAL:			0	17		
AFLOATRAGRU Norfolk CSTG		49085				
ACDU			0	2	AO	6801
ACTIVITY TOTAL:			0	2		
COMSTKFIGHTWINGLANT Det Beaufort	3006A					
ACDU			0	16	AO	6801
ACTIVITY TOTAL:			0	16		
FASOTRAGRULANT	09810					
ACDU			0	2	AO	6801/ 9502
ACTIVITY TOTAL:			0	2		
LHA-2 USS Saipan	20632					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHA-4 USS Nassau	20725					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHD-1 USS Wasp	21560					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-3 USS Kearsarge	21700					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-5 USS Bataan	21879					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
MCS-12 USS Inchon	20009					
ACDU			0	1	AO	6801
FTS			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
NAF Mildenhall	57032					
SELRES			0	1	AO	6801
ACTIVITY TOTAL:			0	1		
NAS Brunswick	60087					
ACDU			0	8	AO	6801
ACDU			0	1	AO	6810/ 6801
ACTIVITY TOTAL:			0	9		

⁸All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES⁹

ACTIVITY	UIC	PHASING INCR.	BILLETS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
NAS Cecil Field	60200					
ACDU			0	23	AO	6801
ACTIVITY TOTAL:			0	23		
NAS Keflavik	63032					
ACDU			0	3	AO	6801
ACDU			0	1	AO	6810/ 6801
ACDU			0	1	AO	0812/ 6801
ACTIVITY TOTAL:			0	5		
NAS Oceana	60191					
ACDU			0	3	AO	6801
ACTIVITY TOTAL:			0	3		
NATMSACT Kingsville	49149					
ACDU			0	1	AO	6801
ACTIVITY TOTAL:			0	1		
NAWMU-1	52821					
ACDU			0	23	AO	6801
ACDU			0	5	AO	6802
ACTIVITY TOTAL:			0	28		
NAVSTKAIRTESTRON	39783					
ACDU			0	12	AO	6801
ACDU			0	2	AO	6801/ 8845
ACDU			0	1	AO	6801/ 9590
ACTIVITY TOTAL:			0	15		
Ordnance DET Oceana	31279					
ACDU			0	33	AO	6801
ACTIVITY TOTAL:			0	33		
SURFLANTAVORD/MTT Norfolk	48764					
ACDU			0	5	AO	6801
ACTIVITY TOTAL:			0	5		
AIRMAINTTRSGRPDET Whidbey Island	66058					
ACDU			0	5	AO	6801/ 9502
ACTIVITY TOTAL:			0	5		
COMFLTACT Okinawa	62254					
ACDU			0	2	AO	6801
ACTIVITY TOTAL:			0	2		
LHA-1 USS Tarawa	20550					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHA-3 USS Belleau Wood	20633					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		

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II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹⁰

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
LHA-5 Peleliu	20748					
ACDU			0	2	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	3		
LHD-2 USS Essex	21533					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-4 USS Boxer	21808					
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-6 USS Bonhomme Richard		22202				
ACDU			0	2	AO	6801
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	4		
LHD-7 USS Iwo Jima	23027					
ACDU			0	2	AO	6801
ACTIVITY TOTAL:			0	2		
NAF El Centro	60042					
ACDU			0	7	AO	6801
ACTIVITY TOTAL:			0	7		
NAS Lemoore	63042					
ACDU			0	3	AO	6801
ACTIVITY TOTAL:			0	3		
NAS Point Mugu	0429A					
ACDU			0	18	AO	6801
ACDU			0	1	AO	8345/6801
ACTIVITY TOTAL:			0	19		
NAWCWD Point Mugu	63126					
ACDU			0	1	AO	6801
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	2		
AIMD Atsugi	44323					
ACDU			0	4	AO	6802
ACTIVITY TOTAL:			0	4		
AIMD Cecil Field	60200					
ACDU			0	15	AO	6802
SELRES			0	2	AO	6802
ACTIVITY TOTAL:			0	17		
AIMD Fallon	44317					
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	8		
AIMD Key West	44320					
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	2		

¹⁰All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹¹

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
AIMD Lemoore	44321					
ACDU			0	23	AO	6802
ACTIVITY TOTAL:			0	23		
AIMD North Island	44326					
ACDU			0	9	AO	6802
ACTIVITY TOTAL:			0	9		
AIMD Oceana	44327					
ACDU			0	73	AO	6802
ACTIVITY TOTAL:			0	73		
AIMD Roosevelt Roads	44373					
ACDU			0	5	AO	6802
ACTIVITY TOTAL:			0	5		
AIMD Sigonella	44330					
ACDU			0	2	AO	6802
ACTIVITY TOTAL:			0	2		
AIMD Whidbey Island	44329					
ACDU			0	20	AO	6802
ACTIVITY TOTAL:			0	20		
RAIMD Atlanta	44486					
FTS			0	6	AO	6802
ACTIVITY TOTAL:			0	6		
RAIMD Fort Worth	44487					
FTS			0	3	AO	6802
ACTIVITY TOTAL:			0	3		
RAIMD New Orleans	44490					
FTS			0	2	AO	6802
ACTIVITY TOTAL:			0	2		
RAIMD Willow Grove	44493					
FTS			0	3	AO	6802
ACTIVITY TOTAL:			0	3		
SEAOPDET Cecil Field	46961					
ACDU			0	15	AO	6802
ACTIVITY TOTAL:			0	15		
SEAOPDET Lemoore	46964					
ACDU			0	11	AO	6802
ACTIVITY TOTAL:			0	11		
SEAOPDET North Island	46968					
ACDU			0	4	AO	6802
ACTIVITY TOTAL:			0	4		
SEAOPDET Oceana	46963					
ACDU			0	15	AO	6802
ACTIVITY TOTAL:			0	15		
NAS North Island	00246					
ACDU			0	3	AO	6802
ACTIVITY TOTAL:			0	3		

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II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹²

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
NAS Whidbey Island, VAN OPDET		31179				
ACDU			0	10	AO	6802
ACTIVITY TOTAL:			0	10		
NAVAIRESFOR Norfolk	63102					
FTS			0	1	AO	6802
ACTIVITY TOTAL:			0	1		
Naval Weapons Test Squadron, Point Mugu			39788			
ACDU			0	5	AO	6802
ACTIVITY TOTAL:			0	5		
Naval Weapons Test Squadron, China Lake			39787			
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	1		
NAWCWD China Lake	60530					
ACDU			0	1	AO	6802
ACTIVITY TOTAL:			0	1		
Naval Test Wing Atlantic	39782					
ACDU			0	1	AO	6802
ACDU			0	8	AO	6802
ACTIVITY TOTAL:			0	9		
FLEET SUPPORT	USMC					
MAD China Lake	67852					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
MALS-11 Miramar	09233					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-12 Iwakuni	09377					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-13 Yuma	09041					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-31 Beaufort	09384					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-42 Marietta	09513					
USMC			0	2		6541
AR			0	10		6541
ACTIVITY TOTAL:			0	12		
MALS-41 Fort Worth	67239					
USMC			0	5		6541
AR			0	39		6541
ACTIVITY TOTAL:			0	44		

¹²All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹³

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
MALS-46 Miramar	67244					
USMC			0	2		6541
AR			0	42		6541
ACTIVITY TOTAL:			0	44		
MASD Andrews	04801					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
2 nd MAW Cherry Point	00201					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
4 th MAW New Orleans	00400					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
Blount Island	38450					
USMC			0	2		6541
ACTIVITY TOTAL:			0	2		
H&HS Beaufort	02031					
USMC			0	5		6541
ACTIVITY TOTAL:			0	5		
H&HS Cherry Point	02002					
USMC			0	17		6541
ACTIVITY TOTAL:			0	17		
H&HS New River	02021					
USMC			0	5		6541
ACTIVITY TOTAL:			0	5		
MALS-14 Cherry Point	09378					
USMC			0	44		6541
ACTIVITY TOTAL:			0	44		
MALS-26 New River	09167					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-29 New River	52841					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-49 Stewart New York	55555					
USMC			0	4		6541
AR			0	8		6541
ACTIVITY TOTAL:			0	12		
1 st MAW Futenma	00101					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
3 rd MAW Miramar	00300					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		

¹³All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹⁴

ACTIVITY	UIC	PHASING INCR.	BILLETTS OFF	ENL	DESIGN RATING	PNEC/SNEC PMOS/SMOS
H&HS Camp Pendleton	02208					
USMC			0	9		6541
ACTIVITY TOTAL:			0	9		
H&HS Miramar	02201					
USMC			0	8		6541
ACTIVITY TOTAL:			0	8		
H&HS Futenma	02601					
USMC			0	1		6541
ACTIVITY TOTAL:			0	1		
H&HS Iwakuni	02501					
USMC			0	7		6541
ACTIVITY TOTAL:			0	7		
H&HS Yuma	02230					
USMC			0	18		6541
ACTIVITY TOTAL:			0	18		
MALS-16 Tustin	09243					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-36 Futenma	09260					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALS-39 Camp Pendleton	09808					
USMC			0	12		6541
ACTIVITY TOTAL:			0	12		
MALSE Kaneohe	02300					
USMC			0	4		6541
ACTIVITY TOTAL:			0	4		
MCAF Kaneohe	02303					
USMC			0	7		6541
ACTIVITY TOTAL:			0	7		

¹⁴All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. These activities are highlighted in yellow to distinguish them from the billet community.

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹⁵

DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL	FY08 OFF	ENL
OPERATIONAL ACTIVITY – ACDU													
AO	6802	0	2	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – FTS													
AO	6802	0	3	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – SELRES													
AO	6802	0	7	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – USMC													
	6541	0	492	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – AR													
	6541	0	45	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – ACDU													
	0812/6801	0	1	0	0	0	0	0	0	0	0	0	0
	6801	0	307	0	10	0	0	0	0	0	0	0	0
	6801/8845	0	2	0	0	0	0	0	0	0	0	0	0
	6801/9502	0	7	0	0	0	0	0	0	0	0	0	0
	6801/9590	0	1	0	0	0	0	0	0	0	0	0	0
	6802	0	350	0	7	0	0	0	0	0	0	0	0
	6810/6801	0	2	0	0	0	0	0	0	0	0	0	0
	8345/6801	0	1	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – FTS													
AO	6801	0	1	0	0	0	0	0	0	0	0	0	0
AO	6802	0	17	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY - SELRES													
AO	6802	0	4	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – USMC													
	6541	0	383	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – AR													
	6541	0	99	0	0	0	0	0	0	0	0	0	0
SUMMARY TOTAL:													
OPERATIONAL ACTIVITY – ACDU													
		0	2	0	0	0	0	0	0	0	0	0	0

¹⁵ All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. Most initial training requirements for AGM-154 are phased in FY04-FY04 to coincide with Fleet introduction, but will be updated as carrier deployment schedules become available.

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES¹⁶

DESIGN RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL	FY08 OFF	ENL
OPERATIONAL ACTIVITY – FTS													
		0	3	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – SELRES													
		0	7	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – USMC													
		0	492	0	0	0	0	0	0	0	0	0	0
OPERATIONAL ACTIVITY – AR													
		0	45	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – ACDU													
		0	671	0	17	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – FTS													
		0	18	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – SELRES													
		0	4	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – USMC													
		0	383	0	0	0	0	0	0	0	0	0	0
FLEET SUPPORT ACTIVITY – AR													
		0	99	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL:													
ACDU		0	671	0	17	0	0	0	0	0	0	0	0
FTS		0	21	0	0	0	0	0	0	0	0	0	0
SELRES		0	11	0	0	0	0	0	0	0	0	0	0
USMC		0	875	0	0	0	0	0	0	0	0	0	0
AR		0	144	0	0	0	0	0	0	0	0	0	0

¹⁶ All billet requirements shown are programmed in the F/A-18 NTSP, the applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Document, and are shown for planning of initial training requirements. Most initial training requirements for AGM-154 are phased in FY04-FY04 to coincide with Fleet introduction, but will be updated as carrier deployment schedules become available.

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS ¹⁷

INSTRUCTOR BILLETS

TRAINING ACTIVITY, LOCATION, UIC:				MTU-4030 CNATT DET				NS Mayport				66069	
DESIGN	PNEC/SNEC	PFYs		CY04		FY05		FY06		FY07		FY08	
RATING	PMOS/SMOS	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	4	0	4	0	4	0	4	0	4	0	4
SELRES													
AO	6801/9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	5	0	5	0	5	0	5	0	5	0	5

TRAINING ACTIVITY, LOCATION, UIC:				MTU-4032 CNATTU				NAS Norfolk				66046	
DESIGN	PNEC/SNEC	PFYs		CY04		FY05		FY06		FY07		FY08	
RATING	PMOS/SMOS	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	7	0	7	0	7	0	7	0	7	0	7
SELRES													
AO	6801/9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	9	0	9	0	9	0	9	0	9	0	9

TRAINING ACTIVITY, LOCATION, UIC:				MTU-4033 CNATTU				NAS North Island				66065	
DESIGN	PNEC/SNEC	PFYs		CY04		FY05		FY06		FY07		FY08	
RATING	PMOS/SMOS	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC:				CNATTU MARUNIT				MCAS Cherry Point				66047	
DESIGN	PNEC/SNEC	PFYs		CY04		FY05		FY06		FY07		FY08	
RATING	PMOS/SMOS	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC													
MOS	6541	0	21	0	21	0	21	0	21	0	21	0	21

TRAINING ACTIVITY, LOCATION, UIC:				MTU-4035 CNATTU				NAS Whidbey Island				66058	
DESIGN	PNEC/SNEC	PFYs		CY04		FY05		FY06		FY07		FY08	
RATING	PMOS/SMOS	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ACDU													
AO	6801/9502	0	4	0	4	0	4	0	4	0	4	0	4

¹⁷ Instructor billet requirements shown are for the total course throughput for applicable NEC/MOS, not just throughput required to support AGM-154.

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS ¹⁸

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	ENL	CY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL	FY08 OFF	ENL
MTU 4030 CNATT DET, NS Mayport, 66069	USN	0	10	0	10	0	10	0	10	0	10	0	10
MTU 4032 CNATTUU, NAS Norfolk, 66046	USN	0	16	0	16	0	16	0	16	0	16	0	16
MTU 4033 CNATTU, NAS North Island, 66065	USN	0	22	0	22	0	22	0	22	0	22	0	22
CNATTU MARUNIT MCAS Cherry Point, 66047	USMC	0	48	0	48	0	48	0	48	0	48	0	48
MTU 4035 CNATTU, NAS Whidbey Island, 66058	USN	0	11	0	11	0	11	0	11	0	11	0	11

¹⁸ Chargeable student billet requirements shown are for the total course throughput for applicable NEC/MOS, not just throughput required to support AGM-154.

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS¹⁹

a. OFFICER - USN: NA

b. ENLISTED - USN:

RATING	PNEC/SNEC	BILLET BASE	CY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM	FY07 +/-	CUM	FY08 +/-	CUM
Operational Billets ACDU and FTS												
AO	6802	5	0	5	0	5	0	5	0	5	0	5
Fleet Support Billets ACDU and FTS												
AO	0812/6801	1	0	1	0	1	0	1	0	1	0	1
AO	6801	308	0	308	+10	318	0	318	0	318	0	318
AO	6801/8845	2	0	2	0	2	0	2	0	2	0	2
AO	6801/9502	7	0	7	0	7	0	7	0	7	0	7
AO	6801/9590	1	0	1	0	1	0	1	0	1	0	1
AO	6802	363	0	363	+7	370	0	370	0	370	0	370
AO	6810/6801	2	0	2	0	2	0	2	0	2	0	2
AO	8345/6801	1	0	1	0	1	0	1	0	1	0	1
Instructor and Support (Staff) Billets ACDU and FTS												
AO	6801/9502	19	0	19	0	19	0	19	0	19	0	19
Chargeable Student Billets ACDU and FTS												
		59	1	59	0	59	0	59	0	59	0	59
TOTAL USN ENLISTED BILLETS:												
Operational		5	0	5	0	5	0	5	0	5	0	5
Fleet Support		689	0	689	+17	706	0	706	0	706	0	706
Staff		19	0	19	0	19	0	19	0	19	0	19
Student		59	0	59	0	59	0	59	0	59	0	59
SELRES		14	0	14	0	14	0	14	0	14	0	14

¹⁹ Billets are programmed through applicable CV/CVN Class Total Ship NTSPs and Shore Activity Manning Documents.

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS⁵

c. OFFICER - USMC: NA

b. ENLISTED - USMC:

RATING	PMOS/SMOS	BILLET BASE	CY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM	FY07 +/-	CUM	FY08 +/-	CUM
Operational Billets USMC and AR												
	6541	537	0	537	0	537	0	537	0	537	0	537
Fleet Support Billets USMC and AR												
	6541	482	0	482	0	482	0	482	0	482	0	482
Instructor and Support (Staff) Billets USMC and AR												
	6541	21	0	21	0	21	0	21	0	21	0	21
Chargeable Student Billets USMC and AR												
		48	0	48	0	48	0	48	0	48	0	48
TOTAL USMC ENLISTED BILLETS:												
Operational		537	0	537	0	537	0	537	0	537	0	537
Fleet Support		482	0	482	0	482	0	482	0	482	0	482
Staff		21	0	21	0	21	0	21	0	21	0	21
Student		48	0	48	0	48	0	48	0	48	0	48
SMCR		0	0	0	0	0	0	0	0	0	0	0

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS²⁰

CIN, COURSE TITLE: D-646-7001, Strike Armament Equipment Intermediate Maintenance

COURSE LENGTH: 9.0 Weeks

SEA TOUR LENGTH: Navy: 60 Months

ATTRITION FACTOR: Navy: 10 %

BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU-FTS SELRES	CY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OF F	ENL	OFF	ENL
MTU-4032 CNATTU, NAS Norfolk												
	USN	ACDU-FTS	0	40	0	40	0	40	0	40	0	40
	USN	SELRES	0	0	0	0	0	0	0	0	0	0
		TOTAL	0	40	0	40	0	40	0	40	0	40

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance

COURSE LENGTH: 6.0 Weeks

SEA TOUR LENGTH: Navy: 60 Months

ATTRITION FACTOR: Navy: 10 %

BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU-FTS SELRES	CY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4030	CNATT DET DET, NS Mayport USN	ACDU-FTS	0	72	0	72	0	72	0	72	0	72
MTU-4032	CNATTU, NAS Norfolk											
	USN	ACDU-FTS	0	60	0	60	0	60	0	60	0	60
	USN	SELRES	0	0	0	1	0	0	0	0	0	0
		TOTAL	0	60	0	61	0	60	0	60	0	60

CIN, COURSE TITLE: E-646-7001, Strike Armament Equipment Intermediate Maintenance

COURSE LENGTH: 9.0 Weeks

SEA TOUR LENGTH: Navy: 60 Months

ATTRITION FACTOR: Navy: 10 %

BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU-FTS SELRES	CY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OF F	ENL	OFF	ENL
MTU-4033 CNATTU, NAS North Island												
	USN	ACDU-FTS	0	64	0	64	0	64	0	64	0	64
	USN	SELRES	0	0	0	0	0	0	0	0	0	0
		TOTAL	0	64	0	64	0	64	0	64	0	64

²⁰ ATIR shown are for the total course throughput for applicable NEC/MOS, not just throughput required to support AGM-154.

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS (Continued)⁶

CIN, COURSE TITLE: E-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.0 Weeks
ATTRITION FACTOR: Navy: 10 %
SEA TOUR LENGTH: Navy: 60 Months
BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU-FTS SELRES	CY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4033 CNATTU, NAS North Island												
	USN	ACDU-FTS	0	72	0	72	0	72	0	72	0	72
	USN	SELRES	0	1	0	1	0	1	0	1	0	1
		TOTAL	0	73	0	73	0	73	0	73	0	73
MTU-4035 CNATTU, NAS Whidbey Island ⁷												
	USN	ACDU-FTS	0	72	0	72	0	72	0	72	0	72

CIN, COURSE TITLE: C-646-4109, Weapons Department General Aviation Ordnance
COURSE LENGTH: 2.0 Weeks
ATTRITION FACTOR: Navy: 10 %
SEA TOUR LENGTH: Navy: 60 Months
BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU-FTS SELRES	CY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU-4030 CNATT DET DET, NS Mayport												
	USN	ACDU-FTS	0	60	0	60	0	60	0	60	0	60
MTU-4032 CNATTU, NAS Norfolk												
	USN	ACDU-FTS	0	50	0	50	0	50	0	50	0	50
MTU-4033 CNATTU, NAS North Island												
	USN	ACDU-FTS	0	72	0	72	0	72	0	72	0	72
MTU-4035 CNATTU, NAS Whidbey Island												
	USN	ACDU-FTS	0	72	0	72	0	72	0	72	0	72

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance
COURSE LENGTH: 11 Weeks
ATTRITION FACTOR: Marine: 0 %
SEA TOUR LENGTH: NA
BACKOUT FACTOR: 0.21

TRAINING ACTIVITY	SOURCE	USMC-AR SMCR	CY04		FY05		FY06		FY07		FY08	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CNATTU MARUNIT MCAS Cherry Point												
	USMC	USMC-AR	0	240	0	240	0	240	0	240	0	240

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AGM-154 JSOW system and, therefore, are not included in Part III of this NTSP:

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A. TRAINING COURSE REQUIREMENTS

III.A.1. Initial Training Requirements

COURSE TITLE:	JSOW Pilot/NFO Familiarization		
COURSE DEVELOPER:	NraD/JSOW Project Pilot		
INSTRUCTOR:	JSOW Project Pilot		
COURSE LENGTH:	1 day		
LOCATION, UIC	BEGIN DATE	DATE COMPLETED	ACTIVITY DESTINATION
NAWC, China Lake, 60530	30 days prior to first evaluation TECHEVAL (Dec 95)/OPEVAL (Jan 97)		VX-9 Aircrew

COURSE TITLE:	JSOW O & I Level Maintenance (TECHEVAL/OPEVAL)		
COURSE DEVELOPER:	TI		
INSTRUCTOR:	WTT		
COURSE LENGTH:	2 days		
LOCATION, UIC	BEGIN DATE	DATE COMPLETED	ACTIVITY DESTINATION
NAVAIRWARCENWPNDIV, China Lake, 60530	30 days prior to first evaluation TECHEVAL (Dec 95)/OPEVAL (Jan 97)		SFWSL SFWSL CNATT DET MOTTS FWST VX-9 Weapons Test Squadron (China Lake)

COURSE TITLE:	JSOW Organizational Maintenance for Instructors		
COURSE DEVELOPER:	WTT		
INSTRUCTOR:	WTT		
COURSE LENGTH:	2 days		
LOCATION, UIC	BEGIN DATE	DATE COMPLETED	ACTIVITY DESTINATION
CNATTU 4033, North Island	6 months prior to start of follow-on training Nov 98		SFWSL SFWP AO A1 School VMAT-203 CNATTU MARUNIT

COURSE TITLE:	JSOW Intermediate Maintenance (CNATTU and CNATT MARINE UNIT instructors)		
COURSE DEVELOPER:	WTT		
INSTRUCTOR:	WTT		
COURSE LENGTH:	2 days		
LOCATION, UIC	BEGIN DATE	DATE COMPLETED	ACTIVITY DESTINATION
CNATTU 4033, North Island	6 months prior to start of follow-on training	Nov 98	SFWSL SFWP AO A1 School, VMAT-203 CNATTU MARUNIT

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4030 CNATT DET
LOCATION, UIC: NS Mayport, 39470

SOURCE: NAVY **STUDENT CATEGORY:** ACUDU - FTS

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
22		22		22		22		22		ATIR
20		20		20		20		20		Output
2.5		2.5		2.5		2.5		2.5		AOB
2.5		2.5		2.5		2.5		2.5		Chargeable

TRAINING ACTIVITY: MTU 4032 CNATT
LOCATION, UIC: NAS Norfolk, 66046

SOURCE: NAVY **STUDENT CATEGORY:** ACUDU - FTS

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
59		59		59		59		59		ATIR
53		53		53		53		53		Output
6.6		6.6		6.6		6.6		6.6		AOB
6.6		6.6		6.6		6.6		6.6		Chargeable

CIN, COURSE TITLE: E-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4033 CNATT
LOCATION, UIC: NAS North Island, 66065

SOURCE: NAVY **STUDENT CATEGORY:** ACUDU - FTS

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
22		22		22		22		22		ATIR
20		20		20		20		20		Output
2.5		2.5		2.5		2.5		2.5		AOB
2.5		2.5		2.5		2.5		2.5		Chargeable

TRAINING ACTIVITY: MTU 4035 CNATT
LOCATION, UIC: NAS Whidbey Island, 66058

SOURCE: NAVY **STUDENT CATEGORY:** ACUDU - FTS

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
22		22		23		25		23		ATIR
20		20		21		23		21		Output
2.4		2.4		2.6		2.8		2.6		AOB
2.4		2.4		2.6		2.8		2.6		Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA
TRAINING ACTIVITY: CNATTU MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	257		257		257		257		257	ATIR
	257		257		257		257		257	Output
	55.6		55.6		55.6		55.6		55.6	AOB
	55.6		55.6		55.6		55.6		55.6	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected at this time by the JSOW and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

IV.A.4. Repair Parts for Technical Training Equipment

IV.C. Facility Requirements

IV.C.1 Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

NOTE: No new or modified training facilities are required for the JSOW.

IV.A. TRAINING HARDWARE

IV.A.1. TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: AO "A" School LOCATION, UIC: NATTC Pensacola, 63082 CIN, COURSE TITLE: C-646-2011A, Aviation Ordnanceman Core						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On-hand
002	AUR Container		1			On-hand
TRAINING ACTIVITY: SFWS Atlantic LOCATION, UIC: NAS Oceana, 47084 CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	ADU-783/E Trolley Adapter		2			On- Hand
003	AUR Container		1			On- Hand
TRAINING ACTIVITY: SFWS Pacific LOCATION, UIC: NAS Lemoore, 35185 CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	ADU-783/E Trolley Adapter		2			On- Hand
003	AUR Container		1			On- Hand

TRAINING ACTIVITY: CNATT MARU LOCATION, UIC: MCAS Cherry Point, 66047 CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	AUR Container		1			On- Hand
GPTE 001	CMBRE		1			On-hand
SPTE 001	Power Converter		1			On-hand
TRAINING ACTIVITY: MTU-4030 CNATT DET LOCATION, UIC: NS Mayport, 66069 CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General C-122-3111, Air Launched Guided Missile I Level Maintenance						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	AUR Container		1			On- Hand
GPTE 001	CMBRE		1			On-hand
SPTE 001	Power Converter		1			On-hand
TRAINING ACTIVITY: MTU-4032 CNATTU LOCATION, UIC: NAS Norfolk, 66046 CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General C-122-3111, Air Launched Guided Missile I Level Maintenance						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	AUR Container		1			On- Hand
GPTE 001	CMBRE		1			On-hand
SPTE 001	Power Converter		1			On-hand

TRAINING ACTIVITY: MTU-4033 CNATTU

LOCATION, UIC: NAS North Island, 66065

CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General
C-122-3111, Air Launched Guided Missile I Level Maintenance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	AUR Container		1			On- Hand
GPTE 001	CMBRE		1			On-hand
SPTE 001	Power Converter		1			On-hand

TRAINING ACTIVITY: MTU-4035 CNATTU

LOCATION, UIC: NAS Whidbey Island, 66058

CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General
C-122-3111, Air Launched Guided Missile I Level Maintenance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	ADU-775/E Transport Adapter		2			On- Hand
002	AUR Container		1			On- Hand
GPTE 001	CMBRE		1			On-hand
SPTE 001	Power Converter		1			On-hand

IV.A.1. TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: NAVSCOLEOD LOCATION, UIC: Eglin AFB 62640 CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy) A-431-0012, EOD Phase II (Other)						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	AUR Container		1			On-hand
TRAINING ACTIVITY: EODTEU ONE LOCATION, UIC: San Diego, 30202 CIN, COURSE TITLE: G-431-0003, EOD Shore Detachment Training						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	AUR Container		1			On-hand
TRAINING ACTIVITY: EODTEU TWO LOCATION, UIC: Fort Story, 43505 CIN, COURSE TITLE: G-431-0003, EOD Shore Detachment Training						
ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE 001	AUR Container		1			On-hand

IV.A.2. TRAINING DEVICES

DEVICE:		Dummy Air Training Missile (DATM)			
DESCRIPTION OF DEVICE:		The Dummy Air Training Missile (DATM) will be of the same external configuration, weight and center of gravity as current training devices, but will not be functional.			
MANUFACTURER:		Raytheon Missile Systems Company (formerly Hughes Missile Systems Company)			
CONTRACT NUMBER:		NA00019-91-0196			
TEE STATUS:		TBD			
TRAINING ACTIVITY LOCATION, UIC	QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
AO A School NATTC Pensacola, 63115	1			Pending	AO A1 School (Core) AO A1 School (Navy Difference Strand)
MTU-4030 CNATT DET NS Mayport, 66069	1		On-line	On-hand	Weapons Dept Air Launched Weapons General Air Launched Guided Missile Intermediate Maintenance
MTU-4032 CNATTU NAS Norfolk, 66046	1		On-line	On-hand	Weapons Dept Air Launched Weapons General Air Launched Guided Missile Intermediate Maintenance
MTU-4033 CNATTU NAS North Island, 66065	1		On-line	On-hand	Weapons Dept Air Launched Weapons General Air Launched Guided Missile Intermediate Maintenance
MTU-4035 CNATTU NAS Whidbey Island, 66058	1		On-line	On-hand	Weapons Dept Air Launched Weapons General Air Launched Guided Missile Intermediate Maintenance
SFWSL NAS Oceana	1		On-line	On-hand	Conventional Weapons Release and Loading
SFWSP NAS Lemoore, 35185	1		On-line	On-hand	Conventional Weapons Release and Loading
CNATT MARU MCAS Cherry Pt, 66047	1		On-line	On-hand	Aviation Ordnance Integrated Maintenance Technician
NAWCWD Point Mugu, 63126	1			Pending	TBD ¹
CV/CVN Norfolk, 00188	5			Pending	Qual/Cert ¹
CVW – Oceana	1			Pending	Qual/Cert ¹
Weapons Dept. NAS Sigonella, 62995	1			Pending	Qual/Cert ¹
Weapons Dept. NAF Atsugi, 62507	1			Pending	Qual/Cert ¹
Weapons Dept. NAS Lemoore, 63042	2			On-hand	Qual/Cert ¹
Weapons Dept. NAS Oceana	1			On-hand	Qual/Cert ¹

IV.A.2. TRAINING DEVICES

TRAINING ACTIVITY LOCATION, UIC	QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
MAG/MALS-31 MCAS Beaufort, 60169	1			On-hand	Qual/Cert ¹
VFA-125/VFA-106 Fallon, 68847	1			On-hand	Qual/Cert ¹
MAG/MALS 11 Miramar, 45495	1			On-hand	Qual/Cert ¹
MALS-12 Iwakuni, Japan 62613	1			On-hand	Qual/Cert ¹
PAC CV/CVN San Diego, 57025	7			On-hand	Qual/Cert ¹
NAVRESFOR	2			On-hand	Qual/Cert ²
TOTAL:	34				

¹ These courses are currently under development. This NTSP will be updated in future revisions as information become available.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VFA-106 LOCATION, UIC: NAS Cecil Field, 09679 CIN, COURSE TITLE: D-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1 D-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A D-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A D-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		
JSOW ICW	1 Set	Feb 98	On-line
TRAINING ACTIVITY: VFA-125 LOCATION, UIC: NAS Lemoore, 65559 CIN, COURSE TITLE: E-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1 E-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A E-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A E-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		
JSOW ICW	1 Set	Feb 98	On-line
TRAINING ACTIVITY: VMFAT-101 LOCATION, UIC: MCAS Miramar, 45526 CIN, COURSE TITLE: F/A-18 Fleet Replacement Pilot Cat. 1 F/A-18 Fleet Replacement Pilot Cat.2A F/A-18 Fleet Replacement Pilot Cat. 3A F/A-18 Fleet Replacement Pilot Cat. 4 F/A-18D Fleet Replacement Pilot Cat. 1 F/A-18D Fleet Replacement Pilot Cat. 2 F/A-18D Fleet Replacement Pilot Cat. 3 F/A-18D Fleet Replacement Pilot Cat. 4 F/A-18D Weapons and Sensor Operator Cat. 1 F/A-18D Weapons and Sensor Operator Cat. 2 F/A-18D Weapons and Sensor Operator Cat. 3 F/A-18D Weapons and Sensor Operator Cat. 4			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		
JSOW ICW	1 Set	Feb 98	On-line

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: AO A1 School LOCATION, UIC: NATTC Pensacola, 63115 CIN, COURSE TITLE: C-646-2011A, AO A1 School			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Core			
Training Conduct Support Document	1		On-hand
JSOW ICW	3 Sets		
TRAINING ACTIVITY: MTU 4030 CNATT DET LOCATION, UIC: NAS Mayport, 66069 CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General C-122-3111, Air Launched Guided Missile Intermediate Maintenance			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
TRAINING ACTIVITY: MTU 4032 CNATTU LOCATION, UIC: NAS Norfolk, 66046 CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General C-122-3111, Air Launched Guided Missile Intermediate Maintenance			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
TRAINING ACTIVITY: MTU 4033 CNATTU LOCATION, UIC: NAS North Island, 66065 CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General C-122-3111, Air Launched Guided Missile Intermediate Maintenance			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
TRAINING ACTIVITY: MTU 4035 CNATTU LOCATION, UIC: NAS Whidbey Island, 66058 CIN, COURSE TITLE: C-646-4109, Weapons Department Air Launched Weapons General C-122-3111, Air Launched Guided Missile Intermediate Maintenance			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		

TRAINING ACTIVITY:		SFWS Atlantic		
LOCATION, UIC:		NAS Oceana		
CIN, COURSE TITLE:		D-646-0640, F/A-18 Conventional Weapons Release and Loading		
TYPE OF MATERIAL OR AID		QTY REQD	DATE REQD	STATUS
Training Conduct Support Document		1		On-hand
JSOW Curriculum		3 Sets		
TRAINING ACTIVITY:		SFWS Pacific		
LOCATION, UIC:		NAS Lemoore, 35185		
CIN, COURSE TITLE:		E-646-0640, F/A-18 Conventional Weapons Release and Loading		
TYPE OF MATERIAL OR AID		QTY REQD	DATE REQD	STATUS
Training Conduct Support Document		1		On-hand
JSOW Curriculum		3 Sets		
TRAINING ACTIVITY:		CNATT MARU		
LOCATION, UIC:		MCAS Cherry Point, 66047		
CIN, COURSE TITLE:		C-646-3105, Aviation Ordnance Integrated Maintenance Technician		
TYPE OF MATERIAL OR AID		QTY REQD	DATE REQD	STATUS
Training Conduct Support Document		1		On-hand
JSOW Curriculum		3 Sets		
TRAINING ACTIVITY:		NAVSCOLEOD		
LOCATION, UIC:		Eglin AFB FL, 62640		
CIN, COURSE TITLE:		A-431-0011, EOD Phase II (Navy) A-431-0012, EOD Phase II (Other)		
TYPE OF MATERIAL OR AID		QTY REQD	DATE REQD	STATUS
Navy				
Training Conduct Support Document		1		On-hand
JSOW Curriculum		3 Sets		
Other				
Training Conduct Support Document		1		On-hand
JSOW Curriculum		3 Sets		
TRAINING ACTIVITY:		EODTEU ONE		
LOCATION, UIC:		San Diego, 30202		
CIN, COURSE TITLE:		G-431-0001, EOD Pre-Deployment Training G-431-0003, EOD Shore Detachment Training G-431-0005, EOD Mobile Team Training		
TYPE OF MATERIAL OR AID		QTY REQD	DATE REQD	STATUS
G-431-0001, Pre-Deployment				
Training Conduct Support Document		1		On-hand
JSOW Curriculum		3 Sets		

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

G-431-0003, Shore Detachment			
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
G-431-0005, Mobile Team			
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
TRAINING ACTIVITY: EODTEU ONE LOCATION, UIC: Fort Story, 43505 CIN, COURSE TITLE: G-431-0001, EOD Pre-Deployment Training G-431-0003, EOD Shore Detachment Training G-431-0005, EOD Mobile Team Training			
TYPE OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
G-431-0001, Pre-Deployment			
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
G-431-0003, Shore Detachment			
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		
G-431-0005, Mobile Team			
Training Conduct Support Document	1		On-hand
JSOW Curriculum	3 Sets		

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VFA-106

LOCATION, UIC: NAS Oceana

CIN, COURSE TITLE: D-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
D-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
D-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
D-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On-hand
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On-hand
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On-hand
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On-hand
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	6		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	6		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	6		On-hand
Airborne Weapons Assembly Manual (WAM), Air-to- Ground Tactical Missiles, NAVAIR 11-140-6.2	Hard copy	6		On-hand
Airborne Weapons Assembly Manual (WAM), Training Missiles, NAVAIR 11-140-6.3	Hard copy	6		On-hand
Ship Weapons Installation Manual, NAVAIR 11-120-79	Hard copy	6		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	6		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	6		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VFA-125

LOCATION, UIC: NAS Lemoore, 65559

CIN, COURSE TITLE: E-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1

E-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A

E-2A-0603, F/A-18 Fleet Replacement Pilot Cat 2F

E-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A

E-2A-0605, F/A-18 Fleet Replacement Pilot Cat 2H

E-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On-hand
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On-hand
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On-hand
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On-hand
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	6		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	6		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	6		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	6		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	6		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	6		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	6		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	6		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	6		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	6		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: NATTC
LOCATION, UIC: Pensacola, FL, 30459
CIN, COURSE TITLE: C-646-2011A, AO A1 School (Core)
 C-646-2112A, AO A1 School (Navy Difference Training Strand)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
Approved Handling Equipment for Weapons and Explosives, NAVSEA OP-2173, Change 2	Hard copy	8		On-hand
F-18 Aircraft Airborne Weapons Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shipboard), NA 19-95-1	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore Based), NA 19-95-3	Hard copy	8		On-hand
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On-hand
Ammunition and Explosives - Afloat, NAVSEA OP-4	Hard copy	8		On-hand
Ammunition and Explosives - Ashore, NAVSEA OP-5	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	6		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	6		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	6		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: Strike Fighter Weapons School Pacific (SFWSP)
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Weapons Release and Loading
 E-646-0647, F/A-18 Conventional Weapons Release Systems Test

<u>TECHNICAL MANUAL TITLE, NUMBER</u>	<u>MEDIUM</u>	<u>QTY REQD</u>	<u>DATE REQD</u>	<u>STATUS</u>
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: Strike Fighter Weapons School Atlantic (SFWSL)

LOCATION, UIC: NAS Oceana

CIN, COURSE TITLE: D-646-0640, F/A-18 Weapons Release and Loading

D-646-0647, F/A-18 Conventional Weapons Release System Test

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 1039 CNATTU

LOCATION, UIC: NAS Oceana

CIN, COURSE TITLE: D-646-9947, F/A-18 Stores Management Integrated Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 1038 CNATTU

LOCATION, UIC: NAS Lemoore, 66060

CIN, COURSE TITLE: E-646-9947, F/A-18 Stores Management Integrated Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4030 CNATT DET

LOCATION, UIC: NS Mayport, 66069

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance

C-646-4109, Weapons Dept

Air Launched Weapons General Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore based), NA 19-95-1	Hard copy	8		On-hand
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On-hand
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading, NA 19-95-3	Hard copy	8		On-hand
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4032 CNATTU

LOCATION, UIC: NS Norfolk, 66046

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance

C-646-4109, Weapons Dept

Air Launched Weapons General Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore based), NA 19-95-1	Hard copy	8		On-hand
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On-hand
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading, NA 19-95-3	Hard copy	8		On-hand
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4033 CNATTU

LOCATION, UIC: NAS North Island, 66065

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance

C-646-4109, Weapons Dept

Air Launched Weapons General Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore based), NA 19-95-1	Hard copy	8		On-hand
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On-hand
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading, NA 19-95-3	Hard copy	8		On-hand
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU 4035 CNATTU

LOCATION, UIC: NAS Whidbey Island, 66058

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missile "I" Maintenance

C-646-4109, Weapons Dept

Air Launched Weapons General Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore based), NA 19-95-1	Hard copy	8		On-hand
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On-hand
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading, NA 19-95-3	Hard copy	8		On-hand
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: CNATT MARU
LOCATION, UIC: MCAS Cherry Point, 45483
CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
Airborne Weapons Packaging/Handling/Storage Shipboard Vol. 2, NA 11-120A-1.2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading Equipment Configuration (Shore based), NA 19-95-1	Hard copy	8		On-hand
NAVSEA OP-4, Ammunitions and Explosives Afloat	Hard copy	8		On-hand
USN Handling Equipment Afloat, NA 19-100-2	Hard copy	8		On-hand
Airborne Weapons/Stores Checklist Transporting and Loading, NA 19-95-3	Hard copy	8		On-hand
Ammunitions and Explosives Ashore, NAVSEA OP-5	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: NAVSCOLEOD
LOCATION, UIC: Eglin AFB, 30446
CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVSEA OP-5, Ammunitions and Explosives Ashore	Hard copy	8		On-hand
Airborne Weapons/Stores, NA 19-95-3	Hard copy	8		On-hand
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC: Eglin AFB FL, 62640
CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training
 G-431-0003, EOD Shore Detachment Training
 G-431-0005, EOD Mobile Team Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVSEA OP-5, Ammunitions and Explosives Ashore	Hard copy	8		On-hand
Airborne Weapons/Stores, NA 19-95-3	Hard copy	8		On-hand
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: EODTEU TWO

LOCATION, UIC: Fort Story, 43505

CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training

G-431-

0003, EOD Shore Detachment Training

G-431-0005, EOD Mobile Team Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVSEA OP-5, Ammunitions and Explosives Ashore	Hard copy	8		On-hand
Airborne Weapons/Stores, NA 19-95-3	Hard copy	8		On-hand
F/A-18 Aircraft Airborne Weapons/Stores Loading Manual, A1-F18AC-LWS-000	Hard copy	8		On-hand
Conventional Weapons Loading Checklist, A1-F18AE-LWS-610	Hard copy	8		On-hand
Support Equipment Configuration Manual, NAVAIR 11-140-25	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.1, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 4	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for Air Launched Missiles, NA-140-6.2, Change 3	Hard copy	8		On-hand
Airborne Weapons Assembly Manual Checklist for AGM-154, NA-140-6.2-14	Hard copy	8		On-hand
Ship Weapons Installation Manual, NA-11-120-79	Hard copy	8		On-hand
Approved Handling Equipment for Weapons and Explosives, OP 2173, Change 2	Hard copy	8		On-hand
Naval Ordnance Maintenance Management Program, OPNAV 8000.16B (Series)	Hard copy	8		On-hand

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Conduct Analysis of MPT Requirements	Jul 87	Completed
PDA	Distribute Draft NTP to for Review	Mar 89	Completed
PDA	Submit Proposed NTP to OPNAV	Oct 90	Completed
DCNO (MP&T)	Approve and Promulgate NTP	Dec 90	Completed
OPTEVFOR	Conduct OPEVAL (AGM-154A)	FY94	Completed
TSA	Award Factory Training and Curriculum Material Contract	Jul 95	Completed
PDA	Award Production Contract (LRIP)	Oct 95	Completed
PDA	Promulgate ILS Master Plan	Nov 95	Completed
DCNO/DMSO (MP&T)	Conduct NTSP Update Conference	As required	Not Required
NMPC	Program for Officer Training	Jan 97	Completed
TSA	Conduct Initial Training	FY98	Completed
TSA	Deliver Curricula Materials	Aug 98	Completed
TA	Conduct Follow-On Training	Aug 98	Completed
PDA	Achieve Fleet Initial Operational Capability (AGM-154A)	Jan 99	Completed
OPTEVFOR	Conduct OPEVAL (AGM-154B)	FY04	Pending
PMA205	Developed Draft NTSP for Fleet Review	Dec 03	Completed
OPTEVFOR	Conduct OPEVAL (AGM-154C)	FY04	Pending
PMA205	Submit Draft NTSP to OPNAV	Dec 03	Pending
DCNO (MP&T)	Approve NTSP	May 04	Pending



N88-NTSP-A-50-8906B/A
August 2004

PART VI - DECISION ITEMS/ACTION REQUIRED

**DECISION ITEM OR
ACTION REQUIRED**

COMMAND ACTION

DUE DATE

STATUS

No Action Items Pending



PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

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PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
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Mr. Hank Lightbody JSOW APML NAVAIR, AIR 3.1.1K hank.lightbody@navy.mil	COMM: (301) 757-7450 DSN: 757-7450 FAX: (301) 757-7446
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CDR Mike Hohl Aviation NTSP Point Of Contact COMLANTFLT, N731 john.hohl@navy.mil	COMM: (757) 836-0085 DSN: 836-0085 FAX: (757) 836-6737
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PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
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ATC Keith Barbazon Air Training Programs COMNAVRESFORCOM, N734 keith.barbazon@navy.mil	COMM: (504) 678-1259 DSN: 678-1259 FAX: (504) 678-0134
CAPT Robert Holland Deputy Assistant, Chief of Naval Personnel for Distribution NAVPERSCOM, PERS-4B robert.holland@navy.mil	COMM: (901) 874-3529 DSN: 882-3529 FAX: (901) 874-2606
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PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

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